

IN THE CLAIMS:

1. (Currently Amended) A variable vibrator mechanism comprising:
two first members~~a first member and a second member~~ arranged telescopically with a
second member~~one another~~,
 wherein said first members each have~~member has~~ a first eccentric weight and said
 second member has a second eccentric weight,
 wherein said first members and said second member~~members~~ are adapted to be
 engaged with one another, such that the rotational displacement between said first eccentric
weights~~weight~~ and said second eccentric weight may be varied by varying the longitudinal
 displacement between said first members and second member~~members~~.

2. (Currently Amended) A variable vibrator mechanism as claimed in claim 1,
 wherein one of said first members and second member ~~are~~members is adapted to receive the
 other of said first members and second member~~members~~.

3. (Currently Amended) A variable vibrator mechanism as claimed in claim 1~~any~~
~~preceding claim~~, wherein said first members and second member~~members~~ are threadably
 engaged with one another.

4. (Currently Amended) A variable vibrator mechanism as claimed in claim 3~~any~~
~~preceding claim~~, wherein said second member has two oppositely cut threaded portions to
engage said first members. ~~first and second members are cylindrical.~~

5. (Currently Amended) A variable vibrator mechanism as claimed in claim 1
~~any preceding claim~~, wherein said first members and second member are cylindrical. ~~the~~
~~vibrator mechanism comprises two first members arranged telescopically with said second~~
~~member,~~
~~wherein said two first members and said second member are adapted to be engaged~~
~~with one another, such that the rotational displacement between said first eccentric weights~~

~~and said second eccentric weight may be varied by varying the longitudinal displacement between said first members and said second member.~~

6. (Currently Amended) A variable vibrator mechanism as claimed in claim 1~~any preceding claim~~, wherein further comprising means for telescopically displacing said first and second members.

7. (Original) A variable vibrator mechanism as claimed in claim 6, wherein the means for telescopically displacing said first and second members is a hydraulic ram.

8. (Currently Amended) A variable vibrator mechanism as claimed in claim 1~~any preceding claim~~, wherein said vibrator mechanism comprises a plurality of pairs of first and second members, wherein each pair of first and second members are arranged telescopically with one another.

9. (Currently Amended) A vibrating screen machine including a variable vibrator mechanism according to claim 1~~any of claims 1 to 8~~.

10. (Currently Amended) A vibrating feeder machine including a variable vibrator mechanism according to claim 1~~any of claims 1 to 8~~.